

IN THE CLAIMS:

Please cancel Claim 28 without prejudice or disclaimer of subject matter.

Please amend Claims 1-7, 9-16, 18-24, 26, and 27, as indicated below. The following is a complete listing of claims and replaces all prior versions and listings of claims in the present application:

1. (Currently Amended) A method ~~Method~~ of transcoding digital data coded according to a first coding mode into digital data coded according to a second coding mode, the method comprising the steps of:

detecting an inactivity of resources useful for the transcoding; and

transcoding the digital data coded according to the first coding mode into the digital data coded according to the second coding mode, when the inactivity is detected,

wherein the second coding mode is a coding according to which digital data is coded by an amplitude curve representing the amplitude of the digital data along a path amongst the digital data.

2. (Currently Amended) The method ~~Method~~ according to Claim 1, further comprising the steps of:

detecting a request demanding digital data coded according to the first coding mode;

verifying that the digital data demanded is coded according to the second coding mode; and

transcoding the digital data coded according to the second coding mode into the digital data coded according to the first coding mode, if a result obtained in ~~[[said]]~~ the verifying step is positive.

3. (Currently Amended) The method ~~Method~~ according to Claims 1 or 2, further comprising the step of:

selecting an order of transcoding of the digital data coded according to the first coding mode into the digital data coded according to the second coding mode.

4. (Currently Amended) The method ~~Method~~ according to Claim 3, ~~in which~~ wherein the order of transcoding ~~[[order]]~~ is determined according to ~~[[the]]~~ a size of ~~[[the]]~~ files containing the digital data to be transcoded.

5. (Currently Amended) The method ~~Method~~ according to Claim 3, ~~in which~~ wherein the order of transcoding ~~[[order]]~~ is determined according to ~~[[the]]~~ a frequency of ~~requesting requests for~~ requesting requests for ~~[[the]]~~ files containing the digital data to be transcoded.

6. (Currently Amended) The Transcoding method according to Claims 1 or 2, ~~in which~~ wherein the first coding mode is a coding according to the JPEG standard.

7. (Currently Amended) The Transcoding method according to Claims 1 or 2, ~~in which~~ wherein the first coding mode is a coding according to the JPEG2000 standard.

8. (Canceled)

9. (Currently Amended) ~~The Transcoding~~ method according to Claims 1 or 2, ~~in which wherein~~ the digital data is a digital image.

10. (Currently Amended) ~~A device Device~~ for transcoding digital data coded according to a first coding mode into digital data coded according to a second coding mode, the device comprising:

means of detecting an inactivity of resources useful for the transcoding; and

means of transcoding the digital data coded according to the first coding mode into the digital data coded according to the second coding mode, when the inactivity is detected,

wherein the second coding mode is a coding according to which digital data is coded by an amplitude curve representing the amplitude of the digital data along a path amongst the digital data.

11. (Currently Amended) ~~The device Device~~ according to Claim 10, further comprising:

means of detecting a request demanding digital data coded according to the first coding mode;

means of verifying that the digital data demanded is coded according to the second coding mode; and

means of transcoding the digital data coded according to the second coding mode into digital data coded according to the first coding mode, if a result of said means of verifying is positive.

12. (Currently Amended) The device ~~Device~~ according to Claims 10 or 11, further comprising:

means of selecting an order of transcoding of the digital data coded according to the first coding mode into the digital data coded according to the second coding mode.

13. (Currently Amended) The device ~~Device~~ according to Claim 12, adapted to determine the order of transcoding [[order]] according to [[the]] a size of [[the]] files containing the digital data to be transcoded.

14. (Currently Amended) The device ~~Device~~ according to Claim 12, adapted to determine the order of transcoding [[order]] according to [[the]] a frequency of ~~requesting the requests for~~ files containing the digital data to be transcoded.

15. (Currently Amended) The ~~Transcoding~~ device according to Claims 10 or 11, ~~adapted to implement a~~ wherein the first coding mode[[, which]] is a coding according to the JPEG standard.

16. (Currently Amended) ~~The Transcoding~~ device according to Claims 10 or 11, adapted to implement a wherein the first coding mode[[, which]] is a coding according to the JPEG2000 standard.

17. (Canceled)

18. (Currently Amended) ~~The Transcoding~~ device according to Claims 10 or 11, adapted to process digital data which is a digital image.

19. (Currently Amended) ~~The Transcoding~~ device according to Claims 10 or 11, wherein [[said]] the detection and transcoding means are incorporated in:

a microprocessor,

a read only memory containing a program for processing the digital data, and

a random access memory containing registers adapted to record variables modified during [[the]] an execution of [[said]] the program.

20. (Currently Amended) A digital ~~Digital~~ data processing apparatus, comprising means adapted to implement the method according to Claims 1 or 2.

21. (Currently Amended) A digital ~~Digital~~ data processing apparatus, comprising the device according to Claims 10 or 11.

22. (Currently Amended) The digital ~~Digital~~ data processing apparatus according to Claim 20, wherein ~~[[said]]~~ the apparatus forms part of a peer-to-peer network.

23. (Currently Amended) A digital ~~Digital~~ photographic apparatus, comprising means adapted to implement the method according to Claims 1 or 2.

24. (Currently Amended) A digital ~~Digital~~ photographic apparatus, comprising the device according to Claims 10 or 11.

25. (Previously Presented) A computer-readable storage medium storing a computer program for implementing the method according to Claims 1 or 2.

26. (Currently Amended) ~~[[A]]~~ The computer-readable storage medium according to ~~[[claim]]~~ Claim 25, wherein ~~[[said]]~~ the computer-readable storage medium is detachably mountable on ~~[[a]]~~ the device according to Claims 10 or 11.

27. (Currently Amended) A computer-readable storage medium according to Claim 25, wherein ~~[[said]]~~ the computer-readable storage medium is a floppy disk or a CD-ROM.

28. (Canceled)